

# PATENT ABSTRACTS OF JAPAN

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(72)Inventor : ISHIKAWA MASAO  
SHIBUYA KOJI

## (54) DEODORANT

### (57)Abstract:

**PURPOSE:** To obtain a deodorant, containing a deodorant active ingredient and oxidizing and reducing agent as an active ingredient together, having excellent deodorant ability, capable of exhibiting effects on bad smell emitted from human bodies, houses, environments, etc., in a small amount thereof blended without any problems, such as coloration, deterioration in taste or precipitation, and readily preparable as a pharmaceutical.

**CONSTITUTION:** A deodorant obtained by using a deodorant active ingredient and oxidizing and reducing agent together. Deodorant active ingredients derived from plants, especially red algal plants, such as Gracilaria verrucosa Papenfuss (sewing thread) or Chondrus ocellatus Holmes, brown algal plants, such as Nemacystus decipiens Kuckuck (nemacystus) or Eisenia bicyclis Setchell (sea oak), gymnospermous plants, such as ginkgo or metasequoia, are cited as the active ingredients in aspects of safety, etc. The active ingredients are obtained by a well-known method for drying the plants, cutting the dried plants and extracting the cut plants with a solvent. The kind of the oxidizing and reducing agent is not especially limited if the agent is other than an oxidoreductase. The amount thereof is preferably 0.001W2wt.% based in 1g the deodorant ingredient. The amount of the deodorant ingredient used is preferably 0.001W10wt.% based on the total deodorant ingredients expressed in terms of the extract solid content.